

Work Order Tracking (Tr)

Bulletins (1)

Go Tr

Work Order

Select Action

List Work Order Plans Actuals Activities Measurements Axle Configuration Related Records Safety Plan Log Failure Reporting

Work Order: 1820379

METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1248711

METRO MOW SWITCH BH3B CHAIN MARK = 066W+45

Alias: BH3B

Location: 066WSWBH3E Chain Markers West, State Center Interlock, METRO MOW S

Work Location:

\* Work Type: PM

Status: APPR

Status Date: 02/24/15 02:37:03 PM

Reported By: MTACRON

Phone:

Reported Date: 02/23/15 03:05:42 AM

On Behalf Of:

Consist:

## Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET

Fleet Assets

Status: OPERATING

Operating

Asset Condition:

## Address Information

Service Address:

City:

Formatted Address:

State/Province:

Street Address:

Mainline 1 2 Yard \_\_\_\_\_WO # 1820379Date: 2/27/2015 Inspection Crew M Alchin J Chase W Greenwood

1 Location BH  
 2 Switch I.D. # 3B  
 3 Facing \_\_\_\_\_ Trailing X

**Rail Points**

4 Point to Point 51 3/8  
 5 Point Condition S Y R  
 6 Point Throw, **nothing less than 4 3/4 inches**  
 N \_\_\_\_\_ R 4 5/8  
 7 Point Opening  
 N \_\_\_\_\_ R 4 7/8  
 8 Fit S Y R  
 9 General Condition of the Points  
 S Q R

**Gage**

10 Heel of Switch  
 a) Main 56 3/8  
 a) Turnout 56 1/2  
 11 Gage ahead of Bend 56 9/16  
**st not be less than 56 inches or more than 57 inches for "S"**  
 12 Heel Spread in Inches  
 a) Turnout 6 3/8  
 a) Main 6 3/8

**Stock Rail**

13 Bend S Y R  
 14 Condition S Y R

**Bolts**

15 Loose 0 N/A  
 16 Missing 0 N/A

**Rivets (Huck Bolts)**

17 Loose 0 N/A  
 18 Missing 0 N/A  
 19 Cotter Pins missing 0 N/A  
 20 Jam Nuts Loose 0 N/A  
 21 Washers OK Broken \_\_\_\_\_ Missing \_\_\_\_\_

22 Standard Joints  
S Y R N/A  
 23 Switch Plates  
S Y R N/A  
 24 Adjustable Braces  
S Y R N/A  
 25 Non-Adjustable Braces  
S Y R N/A

**Switch Rods**

26 Front Rod  
S Y R N/A  
 27 #1 Rod (Basket Rod)  
S Y R N/A  
 28 #2 Rod  
S Y R N/A  
 29 #3 Rod  
S Y R N/A  
 30 #4 Rod  
S Y R N/A  
 31 Closure Rail  
S Y R N/A  
 32 Surface of Switch  
S Y R N/A  
**Using a 62' cord**  
**S= Up to 1" Max allowed Speed**  
**Y= 1" to 1 1/2" 40 MPH**  
**R= 1 1/2" to 1 3/4" 12 MPH**  
**Greater than 1 3/4" = Out of Service**

33 Head Block ties  
S Y R  
 34 Switch Adjustments  
 Yes No  
 35 Lubrication  
OK Dry  
 36 Switch Target / Lamps  
OK Missing N/A  
 37 Latches  
OK Broken \_\_\_\_\_ Missing \_\_\_\_\_  
 38 Locks  
OK Broken \_\_\_\_\_ Missing \_\_\_\_\_  
 39 General Condition  
S Y R  
 40 Insulated Joints  
S Y R

**Remarks on Page 3**

Mainline 1 2 Yard           

**WO #** 1820379

Date: 2/27/2015 Inspection Crew M Alchin J Chase W Greenwood

1 Location BH  
2 Switch I.D. # 3B  
3 Facing Trailing X  
44 Frog Tread N S Y R  
R S Y R  
45 Frog # 8  
46 Frog Point Condition S Y R  
47 Condition of Frog S Y R  
48 Surface of Frog S Y R

49 Throat in Inches 3 3/8  
50 Flangeway Depth 1 7/8  
**Flangeway Depth must not be less than 1 1/2"**

**Gage**

51 Main Track 56 1/2  
52 Turnout Track 56 7/16  
**Gage must not be less than 56" any Class**

## Guard Rails

53 Guard Rail Gage N 54 3/4 R 54 11/16  
**Guard Rail Gage must be less than 54 3/8"**  
 54 Back to Back N 52 3/4 R 52 5/8  
**Back to Back must be less than 53 1/8"**

54 Condition  
(S) Y R

55 Location of Guard Rail (Relation to Point)  
(S) Y R

### Guard Rail Clamps

56 Main Track  
(S) Y R  
57 Turnout Track  
(S) Y R

**Class 1 Gage 56" to 57 1/2"**  
**More than 57 1/2" Out of Service**  
**Class 3 Gage 56" to 57"**  
**More than 57" to 57 1/4" downgrade to**  
**Class 2 and gets a Y**

Remarks on page 3

## Turnout Ties

58 Condition  
(S) Y R

59 Rail Movement  
(S) Y R

### Tie Plates

60 Lead  
(S) Y R

61 Guard Rail Flangeway  
(S) Y R N 1 1/16 R 1 3/4  
**Guard Rail Flangeway can not be less 1 1/2"**

62 Guard Rail Plates  
(S) Y R

63 Frog Plates  
(S) Y R

## Bolts

|            |   |     |
|------------|---|-----|
| 64 Loose   | 0 | N/A |
| 65 Missing | 0 | N/A |

### Rivets (Huck)

|                        |          |         |
|------------------------|----------|---------|
| 66 Loose               | <u>0</u> | N/A     |
| 67 Missing             | <u>0</u> | N/A     |
| 68 Nuts Missing        | <u>0</u> | N/A     |
| 69 Cotter Pins Missing | <u>0</u> | N/A     |
| 70 Washers OK Broken   |          | Missing |

71 Hold Down Devices  
S Y R N/A

72 Spring Housing  
S Y R N/A

73 Derails  
S Y R N/A

**74 Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond last long tie**  
OK      Difference \_\_\_\_\_

75 Condition of Line thru entire turnout  
(S) R

Switch BH 3B      WO # 1820379      Remarks \_\_\_\_\_  
Date 2/27/2015

APR 6-8 Loose wedges on Adj Beams

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

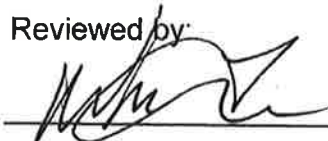
All rules are class 3 for Mainline track and class 1 for Yard tracks

**S** All items inspected are in compliance

**Y** Attention needed

**P** Immediate attention required or Out of Service

Reviewed by



**BMXAA4591I - Status change(s) completed successfully.**

15 (1)

Go T1

▼ **Select Action**

| List | Work Order | Plans | Actuals | Activities | Measurements | Axle Configuration | Related Records | Safety Plan | Log | Failure Reporting |
|------|------------|-------|---------|------------|--------------|--------------------|-----------------|-------------|-----|-------------------|
|------|------------|-------|---------|------------|--------------|--------------------|-----------------|-------------|-----|-------------------|

### METRO MOW SEMI-ANNUAL SWITCH INSPECTION



➤ METRO MOW SWITCH BH3A CHAIN MARK = 069W+30

Chain Markers West, State Center Interlock, Metro MOW Sw

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1. 2

### Operating

### Address Information

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Mainline 1 **2** Yard

WO # 1820365

Date: 2/27/2015 Inspection Crew M Alchin J Chase W Greenwood

1 Location **BH**  
 2 Switch I.D. # **3A**  
 3 Facing \_\_\_\_\_ Trailing **X**

**Rail Points**

4 Point to Point **51 3/8**  
 5 Point Condition  
**S** Y R  
 6 Point Throw, **nothing less than 4 3/4 inches**  
 N **4 3/4** R \_\_\_\_\_  
 7 Point Opening  
 N **5 1/8** R \_\_\_\_\_

8 Fit  
**S** Y R  
 9 General Condition of the Points  
**S** Y R

**Gage**

10 Heel of Switch  
 a) Main **56 3/8**  
 a) Turnout **56 5/8**  
 11 Gage ahead of Bend **56 11/16**  
**it not be less than 56 inches or more than 57 inches for "S"**  
 12 Heel Spread in Inches  
 a) Turnout **6 1/4**  
 a) Main **6 1/4**

**Stock Rail**

13 Bend  
**S** Y R  
 14 Condition  
**S** Y R

**Bolts**

15 Loose **0** N/A  
 16 Missing **0** N/A

**Rivets (Huck Bolts)**

17 Loose **0** N/A  
 18 Missing **0** N/A  
 19 Cotter Pins missing **0** N/A  
 20 Jam Nuts Loose **0** N/A  
 21 Washers **OK** Broken \_\_\_\_\_ Missing \_\_\_\_\_

**Remarks on Page 3**

VEM Mod. 09-15-08

22 Standard Joints

**S** Y R N/A

23 Switch Plates

**S** Y R N/A

24 Adjustable Braces

**S** Y R N/A

25 Non-Adjustable Braces

**S** Y R **N/A****Switch Rods**

26 Front Rod

**S** Y R N/A

27 #1 Rod (Basket Rod)

**S** Y R N/A

28 #2 Rod

**S** Y R N/A

29 #3 Rod

**S** Y R **N/A**

30 #4 Rod

**S** Y R **N/A**

31 Closure Rail

**S** Y R N/A

32 Surface of Switch

**S** Y R N/A**Using a 62' cord****S= Up to 1" Max allowed Speed****Y= 1" to 1 1/2" 40 MPH****R= 1 1/2" to 1 3/4" 12 MPH****Greater than 1 3/4" = Out of Service**

33 Head Block ties

**S** Y R

34 Switch Adjustments

Yes **No**

35 Lubrication

**OK** Dry

36 Switch Target / Lamps

**OK** Missing \_\_\_\_\_ N/A

37 Latches

**OK** Broken \_\_\_\_\_ Missing \_\_\_\_\_

38 Locks

**OK** Broken \_\_\_\_\_ Missing \_\_\_\_\_

39 General Condition

**S** Y R

40 Insulated Joints

**S** Y R

Mainline 1 2 Yard \_\_\_\_\_WO # 1820365Date: 2/27/2015 Inspection Crew: M Alchin J Chase W Greenwood

1 Location BH  
 2 Switch I.D. # 3A  
 3 Facing Trailing X  
 44 Frog Tread N S Y R S Y R  
 R S Y R  
 45 Frog # 8  
 46 Frog Point Condition S Y R  
 47 Condition of Frog S Y R  
 48 Surface of Frog S Y R

49 Throat in Inches 3 1/2  
 50 Flangeway Depth 2  
 Flangeway Depth must not be less than 1 1/2"

Gage

51 Main Track 56 5/8  
 52 Turnout Track 56 1/2  
 Gage must not be less than 56" any Class

Guard Rails

53 Guard Rail Gage N 54 3/16 R 54 1/16  
 Guard Rail Gage must be less than 54 3/8"  
 54 Back to Back N 52 3/4 R 52 7/8  
 Back to Back must be less than 53 1/8"

54 Condition S Y R  
 55 Location of Guard Rail (Relation to Point) S Y R

Guard Rail Clamps

56 Main Track S Y R  
 57 Turnout Track S Y R

**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to Class 2 and gets a Y**Turnout Ties

58 Condition S Y R  
 59 Rail Movement S Y R

Tie Plates

60 Lead S Y R  
 61 Guard Rail Flangeway S Y R N 1 3/4 R 1 13/16  
 Guard Rail Flangeway can not be less 1 1/2"  
 62 Guard Rail Plates S Y R  
 63 Frog Plates S Y R

Bolts

64 Loose 0 N/A  
 65 Missing 0 N/A

Rivets (Huck)

66 Loose 0 N/A  
 67 Missing 0 N/A  
 68 Nuts Missing 0 N/A  
 69 Cotter Pins Missing 0 N/A  
 70 Washers OK Broken 0 Missing

71 Hold Down Devices S Y R N/A  
 72 Spring Housing S Y R N/A  
 73 Derails S Y R N/A

74 Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond last long tie  
OK Difference \_\_\_\_\_

75 Condition of Line thru entire turnout S Y R

Remarks on page 3

## Remarks

Witch BH 3AWO # 1820365Date 2/27/2015

2" wide chip on top of StockRail above insulated joint (w/ Rail)

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

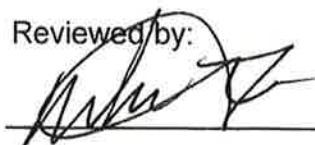
All rules are class 3 for Mainline track and class 1 for Yard tracks

**S** All items inspected are in compliance

**Y** Attention needed

**▣** Immediate attention required or Out of Service

Reviewed by:





Work Order Tracking (Tr)

Bulletins (1)

Go To

Work Order

Select Action

List Work Order Plans Actuals Activities Measurements Axle Configuration Related Records Safety Plan Log Failure Reporting

Work Order: 1820361 METRO MOW SEMI-ANNUAL SWITCH INSPECTION

Classification: MTA \ METRO

Classification Description: MTA - METRO

Asset: 1247218 METRO MOW SWITCH BH1B CHAIN MARK = 069W+30

Alias: BH1B

Location: 069WSWBH1E Chain Markers West, State Center Interlock, Metro MOW Sw

Work Location:

\* Work Type: PM

Status: APPR

Status Date: 02/24/15 02:34:38 PM

Reported By: MTACRON

Phone:

Reported Date: 02/23/15 03:05:25 AM

On Behalf Of:

Consist:

Asset Details

Year:

Manufacturer:

Model:

Serial #:

Type: FLEET Fleet Assets

Status: OPERATING Operating

Asset Condition:

Address Information

Service Address:

City:

Formatted Address:

State/Province:

Street Address:

Mainline 1 2 Yard \_\_\_\_\_WO # 1820361Date: 2/27/2015 Inspection Crew M Alchin J Chase W Greenwood

1 Location BH  
 2 Switch I.D. # 1B  
 3 Facing X Trailing \_\_\_\_\_

**Rail Points**

4 Point to Point 57 1/2  
 5 Point Condition S Y R  
 6 Point Throw, **nothing less than 4 3/4 inches**  
 N \_\_\_\_\_ R 4 7/8  
 7 Point Opening  
 N \_\_\_\_\_ R 5 1/8

8 Fit S Y R  
 9 General Condition of the Points  
S Y R

**Gage**

10 Heel of Switch  
 a) Main 56 5/8  
 a) Turnout 56 3/4  
 11 Gage ahead of Bend 56 3/4  
**st not be less than 56 inches or more than 57 inches for "S"**  
 12 Heel Spread in Inches  
 a) Turnout 6 1/4  
 a) Main 6 1/4

**Stock Rail**

13 Bend S Y R  
 14 Condition S Y R

**Bolts**

15 Loose 0 N/A  
 16 Missing 0 N/A

**Rivets (Huck Bolts)**

17 Loose 0 N/A  
 18 Missing 0 N/A  
 19 Cotter Pins missing 0 N/A  
 20 Jam Nuts Loose 0 N/A  
 21 Washers OK Broken 0 Missing 0

**Remarks on Page 3**

.WEM Mod. 09-15-08

22 Standard Joints S Y R N/A  
 23 Switch Plates S Y R N/A  
 24 Adjustable Braces S Y R N/A  
 25 Non-Adjustable Braces S Y R N/A

**Switch Rods**

26 Front Rod S Y R N/A  
 27 #1 Rod (Basket Rod) S Y R N/A  
 28 #2 Rod S Y R N/A  
 29 #3 Rod S Y R N/A  
 30 #4 Rod S Y R N/A  
 31 Closure Rail S Y R N/A  
 32 Surface of Switch S Y R N/A

Using a 62' cord

S= Up to 1" Max allowed Speed

Y= 1" to 1 1/2" 40 MPH

R= 1 1/2" to 1 3/4" 12 MPH

Greater than 1 3/4" = Out of Service

33 Head Block ties S Y R  
 34 Switch Adjustments  
 Yes No  
 35 Lubrication OK Dry  
 36 Switch Target / Lamps  
 OK Missing N/A  
 37 Latches OK Broken \_\_\_\_\_ Missing \_\_\_\_\_  
 38 Locks OK Broken \_\_\_\_\_ Missing \_\_\_\_\_  
 39 General Condition S Y R  
 40 Insulated Joints S Y R

**WO #** 1820361

SYR

Switch BH 1B      **WO #** 1820361      **Remarks**      **Date** 2/27/2015

Probe Point 1/4 Low

All rules comply with the MTA Field Guide for Track Inspections updated April 2006

All rules are class 3 for Mainline track and class 1 for Yard tracks

**S** All items inspected are in compliance

**Y** Attention needed

**R** Immediate attention required or Out of Service

Reviewed by:

